

ABSTRACT

A system and method for obtaining video of a moving fixation point within a scene. According to one embodiment, the system includes a control unit and a plurality of non-moving image capturing devices positioned around the scene, wherein the scene is within a field of view of each image capturing device. The system also includes a plurality of image generators, wherein each image generator is in communication with one of the image capturing devices, and wherein a first of the image generators is responsive to a command from the control unit. The system also includes a surround-view image sequence generator in communication with each of the image generators and responsive to the command from the control unit for generating a surround-view video sequence of the fixation point within the scene based on output from certain of the image generators.